<u>IN THE SPECIFICATION</u>

[0016]   For example, if the radio is to tune to 2.4 GHz, then synthesizer 423 could be set to 1.92 GHz and synthesizer <u>424</u> could be set to 0.48 GHz (because 1.92 GHz = ± 0/.48 GH = 2.4 GHz). If the synthesizers generate these frequencies from a 32 MHz reference oscillator, then spurs can be generated at 2.4 GHz (32 MHz x 75), 2.432 GHz (32 MHz x 76), and 2.464 GHz (32 MHz x 77). Figure 4B illustrates an exemplary spur 430 generated at 2.432 GHz. Of importance, spur 430 coincides with a pilot 431 (one of four pilots indicated by a cross-sectional pattern) provided within the 52 sub-channels of this 17 MHz wide band. Note that although spur 430 is a narrow band frequency, the strength of spur 430 can affect other sub-channels adjacent to the sub-channel including spur 430 as indicated by curves 432 (also known as skirts). Other spurs, not shown, could coincide with and/or affect other pilots, data, and the shorts/longs in the preamble.